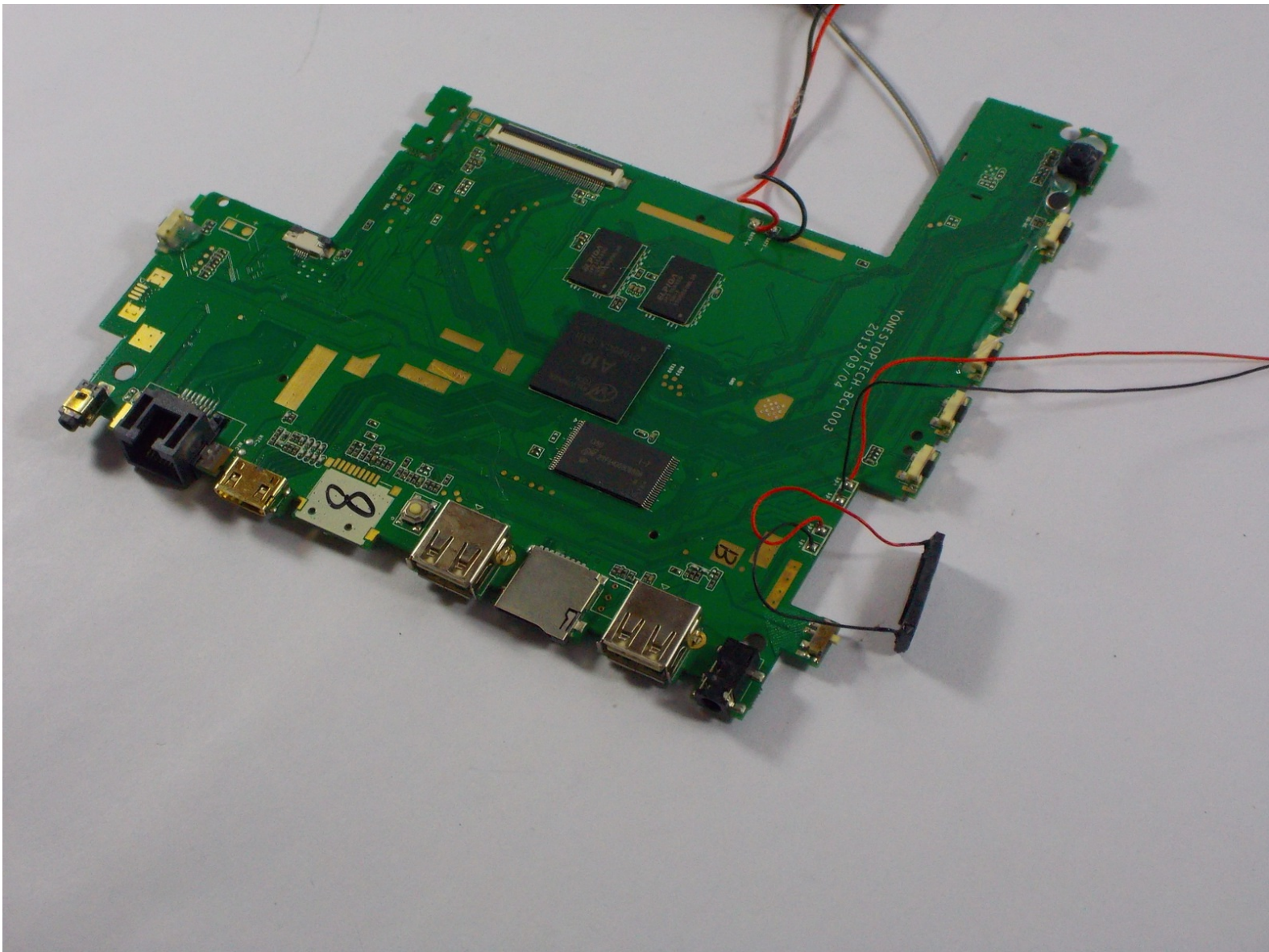




iRULU AX106 Logic Board Replacement

In this replacement guide, the user will learn how to disassemble the iRULU and replace the logic board.

Written By: Victoria Holbrook



INTRODUCTION

This guide will teach the user how to take apart their device, disconnect an old logic board, and reattach a new one.



TOOLS:

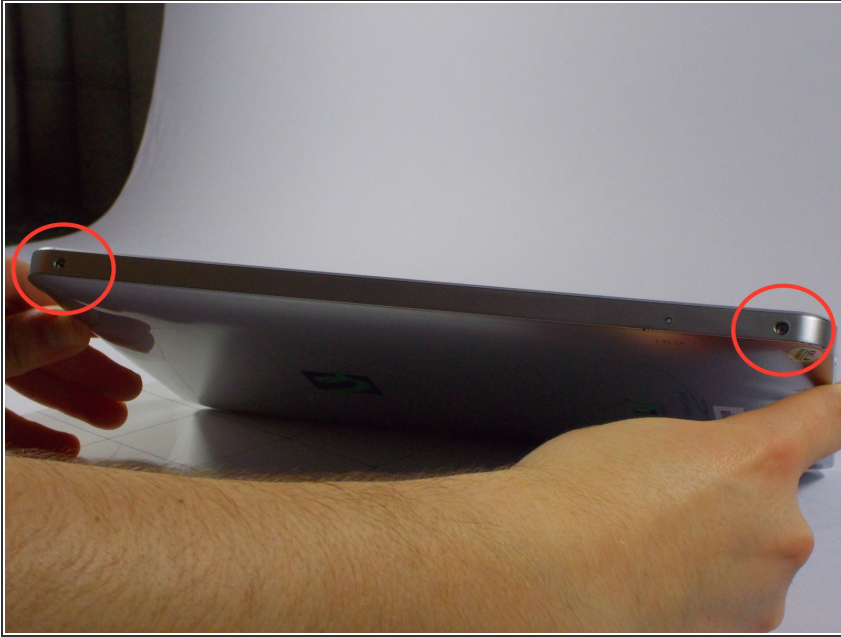
- [iFixit Opening Tools](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Solder Sucker](#) (1)
- [Precision Soldering Iron](#) (1)



PARTS:

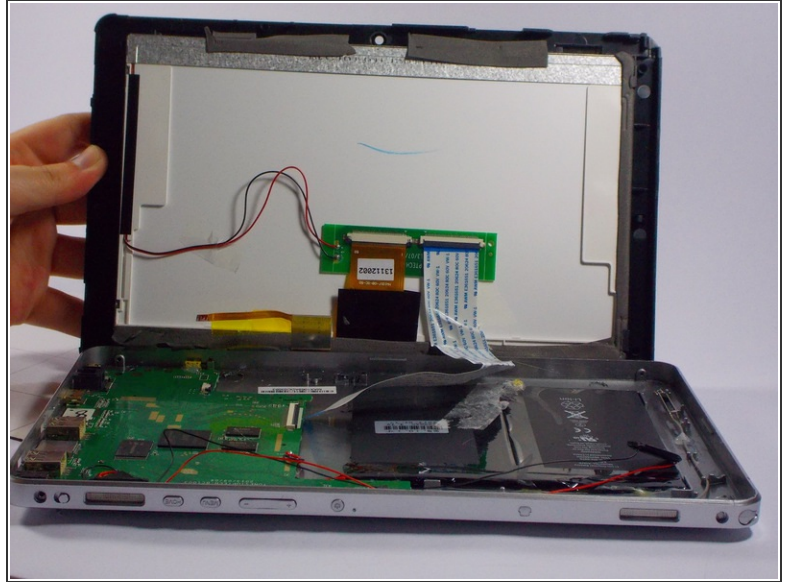
- [Replacement Logic Board](#) (1)

Step 1 — iRULU AX106



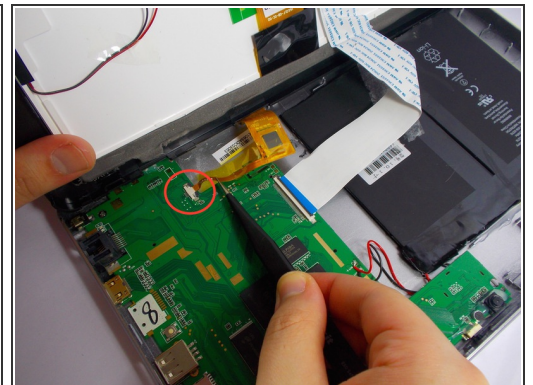
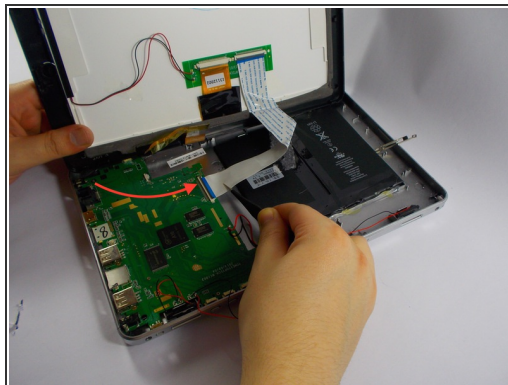
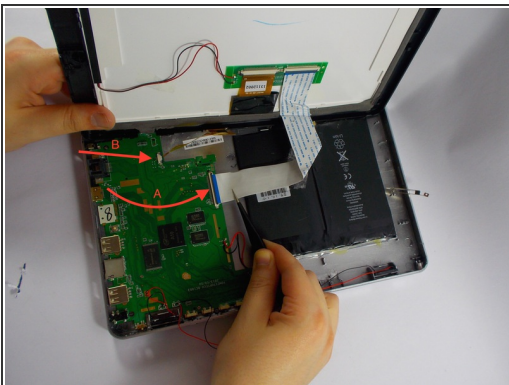
- Locate each of the four screws located along the tall side of the iRulu.
- ⓘ There may be plastic covers protecting the screws, if this is the case take a phillips head screwdriver, and gently apply pressure on the covers until they come off.
- Remove the screws using a Philips head #00 screwdriver.

Step 2



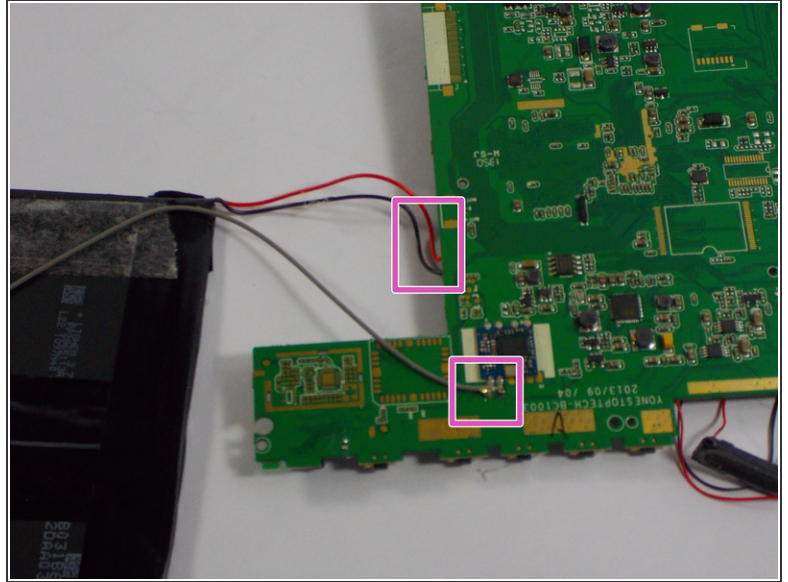
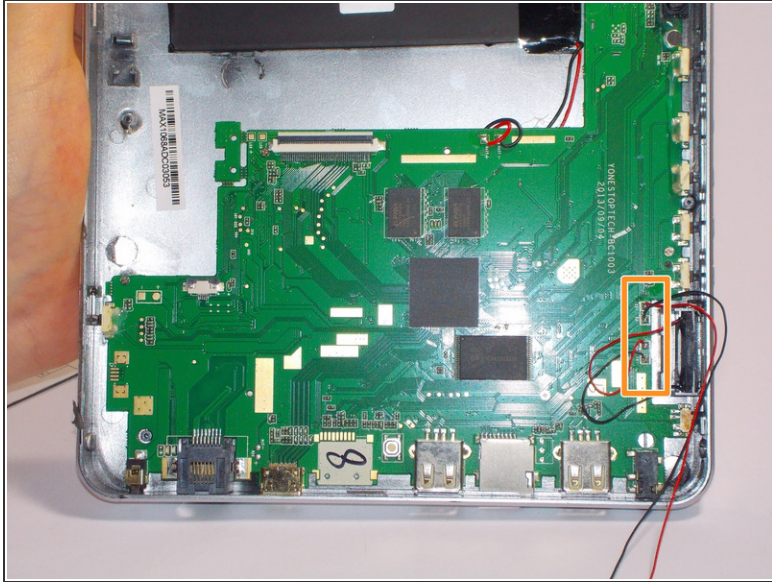
- Use the opening tool to pry the screen from the case applying pressure at each of the four corners of the screen.
- ☑ A good deal of force is required to separate the screen and the case. Don't be afraid to apply pressure to the device.
- ⚠ Make sure to separate the screen from the case at each corner before attempting to completely remove the screen. There are delicate wires that may be damaged if too much force is applied before the corners are separated.

Step 3



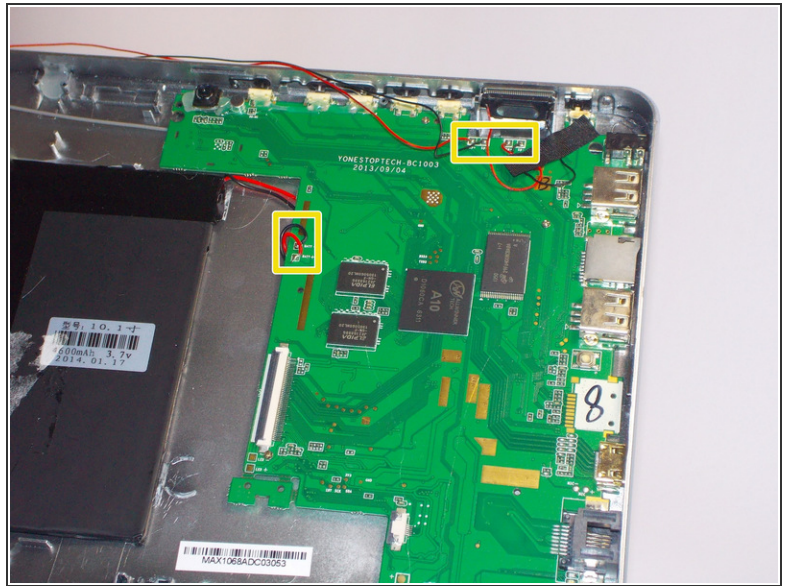
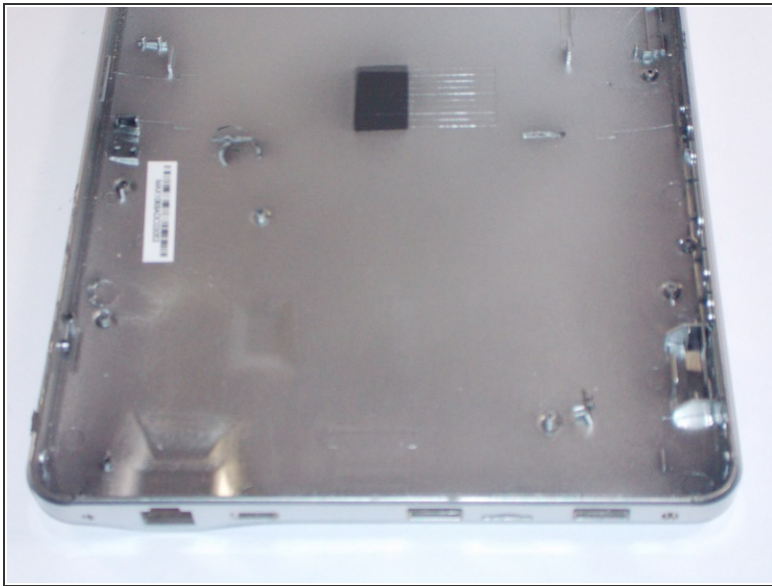
- Using a pair of tweezers, gently unplug connectors A and B from the logic board.
- Completely separate the screen and case.

Step 4 — Logic Board



- Locate where the speaker wires are attached to the logic board, and use a soldering iron and solder sucker to remove the wires from the board.
 - Then, locate the wires connecting the logic board to the battery and desolder them the same way.
- ⚠ The soldering iron is extremely hot. Please use caution when using these tools.

Step 5



- Completely remove the old logic board, being careful not to damage any wires
- Place the new logic board exactly where the old one was located. Leave the wires in an easily accessible position.
- Solder the wires in the corresponding places exactly where you disconnected them from the old logic board.

To reassemble your device, follow these instructions in reverse order.

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